

Agricultural Research for Development
Innovations & Incentives 26-27/9

Program

Agricultural Research for Development <i>Innovations & Incentives, 26th September</i>			
08.30-09.30	Registration and coffee		
09.30-09.45	Welcome and opening,		
09.45-10.15	<i>Agronomy or Brown revolution needed to intensify agricultural productivity in Sub-Saharan Africa.</i> Dr Nteranya Sanginga, International Institute of Tropical Agriculture, IITA		
10.15-10.45	Coffee		
10.45-11.15	Professor Cindy Katz, City University of New York		
11.15-11.45	<i>Tree cover transitions: so what?</i> Dr Meine van Noordwijk, World Agroforestry Center, ICRAF		
11.45-12.15	Professor Sir Gordon Conway, Imperial College, London		
12.15-13.00	Panel discussion: key-note speakers and CRP representatives		
13.00-14.00	Lunch		
	Parallel sessions (Session leaders in brackets)		
	1: Climate Change, Agriculture and Food Security, CRP 7 (Erik Karlton)	2: Forests, Trees and Agroforestry: Livelihoods, Landscapes and Governance, CRP 6, (Anders Malmer)	3: Integrated Systems for the Humid Tropics, CRP 1.2 (Håkan Marstorp)
14.00-14.30	Dr M. Lannerstad, CRP 7	Dr R. Prabhu, CRP 6	Dr N. Sanginga, CRP 1.2
14.30-14.50	1	1	1
14.50-15.10	2	2	2
15.10-15.40	Coffee		
15.40-16.00	3	3	3
16.00-17.00	Discussion and brain storming	Discussion and brain storming	Discussion and brain storming
17.00-19.00	Reception, SLU Global		
Agricultural Research for Development <i>Innovations & Incentives, 27th September</i>			
08.30-09.00	Coffee		
	Parallel sessions		
	4: Livestock and Fish CRP 3.7 (Ulf Magnusson)	5: Policies, Institutions and Markets to Strengthen Food Security and Incomes for the Rural Poor; CRP 2, (Lennart Salomonsson)	
09.00-09.30	Dr. T. Randolph, CRP 3.7	Dr K. Brooks, CRP 2	
09.30-09.50	1	1	
09.50-10.10	2	2	
10.10-10.30	3	3	
10.30-11.00	Coffee		
11.00-12.00	Discussion and brain storming	Discussion and brain storming	
12.00-13.00	Lunch		
13.00-13.30	Dr Tom Randolph, International Livestock Research Institute, ILRI		
13.30-14.00	<i>How Small is Beautiful?</i> Professor Ken Giller, Wageningen University		
14.00-14.30	Coffee		
14.30-15.00	Professor Judi Wakhungu, African Center for Technology Studies , ACTS		
15.00-15.30	Dr Karen Brooks, International Food Policy Research Institute, IFPRI		
15.30-16.30	Panel discussion: key-note speakers and CRP representatives		
End			

Please click here to register:

<https://www.akademikonferens.se/agricultural2012>

Agricultural Research for Development *Innovations & Incentives*

The Swedish research network Agricultural Research for Development (Agri4D) and partners organises an annual multi/inter-disciplinary and multi-stakeholder conference on agriculture, livestock and forest research in an international development context. Since Swedish research and development collaboration exist in an international context they require influences and ideas from outside; hence we invite prominent international scientists, science leaders, development practitioners, policy makers and other stake-holders to keep us informed. Similarly, since farming, not least in developing countries, is a multi/inter-disciplinary endeavor, science has to be as well. Accordingly, not only is forestry and livestock included in agricultural research; in this context it also encompasses everything from microbiology to macro-economy, putting local people, their livelihoods, land use and environments in focus.

Innovations & Incentives is the theme of this years' conference. In a time with large infrastructural and policy changes in agriculture, rapid technological development as well as growing and volatile markets, we believe that this is a timely and highly relevant theme. It encompasses innovative land use policies and market approaches as well as technological innovations at farm or village level. It also encompasses incentives for increased agricultural productivity at different scales; from farmers and local markets to countries and global trade. Some innovations and incentives may have unforeseen or even negative social and ecological consequences, and the issues may contain scientific and policy related controversies. We intend that the conference should be a forum for balanced and science-based discussions on ways forward, and on how multidisciplinary agricultural sciences can contribute to development.

The conference is organized by the networks Agri4D (www.agri4d.se), SIANI (www.siani.se), Focali (www.focali.se), Future Agriculture (www.slu.se/futureagriculture), Future Forests (www.futureforests.se) and SLU Global (www.slu.se/slu-global).

Distinguished international guests will give key-note presentations on pertinent research and developmental questions. Sessions will be thematic and led by a session leader who will also give a session key-note presentation. This year the themes are pre-organized and focused on the new CGIAR Research Programs (CRPs). The sessions will include presentations by CRP representatives as well as by Swedish research groups. This will be a perfect arena to engage in, 'fish around' for cooperation with, or just get informed on the new CRPs.

There will also be a poster session. Presentations of research and projects from all kinds of agricultural and developmental fields are welcome. Especially we would like to see PhD student research and projects presented. There will be a "Best PhD student poster award".

If you want to contribute with a poster or presentation, please contact Gert.Nyberg@slu.se or the respective session leader.

Venue: Swedish University of Agricultural Sciences (SLU), Ultuna, Uppsala, Sweden

Time: 26 and 27 September 2012

Welcome!

**Short (and incomplete) biographies of key note speakers at the
Innovations & Incentives conference.**

Dr. Nteranya Sanginga IITA



Dr. Nteranya Sanginga is the Director General for The International Institute of Tropical Agriculture (IITA), Ibadan, Nigeria. Dr Sanginga has more than 21 years of experience with the University of Zimbabwe, IITA, International Atomic Energy Agency (IAEA) in Austria, and recently as the director of CIAT-TSBF, in agricultural research and development, particularly in the fields of applied microbial ecology, plant nutrition, and integrated natural resources management in Africa, Latin America, and Southeast Asia.

Born and bred in the Democratic Republic of Congo (DRC), Dr Sanginga did most of his postgraduate training at IITA and his PhD in Agronomy/Soil Microbiology under a joint program between IITA and the Institut Facultaire des Sciences Agronomiques, Yangambi, DRC.

He has extensive skills in research management, developing partnerships and institutional linkages, and institution building. Under his leadership, the CIAT-TSBF portfolio rose from \$1.2 million in 2003 to over \$14.5 million in 2010, and its research-for-development agenda expanded from focusing on western Kenya to covering the major agroecosystems of east, central, and southern Africa.

He has also played a major role in the creation of the Consortium for Improving Agriculture-based Livelihood in Central Africa (CIALCA) that includes three international research centers (IITA, CIAT-TSBF, and Bioversity), university partners in Belgium, national research and development partners in DRC, Burundi, and Rwanda.

His career has also focused on building the capacity of young scientists in Africa. He has trained more than 30 PhD candidates at the National University of Congo, School of Agriculture and University of Zimbabwe, who now hold leadership positions in their countries.

Prior to transferring to CIAT-TBSF, Dr. Sanginga spent 14 years in IITA in various capacities, including principal scientist and head of the soil microbiology unit; project coordinator of *Improvement of high intensity food and forage crop systems* and *Short fallow systems to arrest land degradation due to land use intensification*; and leader of the multidisciplinary program *Improving and intensifying cereal-legume systems in the moist and dry savannas of West and Central Africa*, collaborating with many scientists in national and international institutions.

Professor Cindi Katz, CUNY



Cindi Katz is a professor of geography in environmental psychology and women's studies at the Graduate Center of the City University of New York. Her work concerns social reproduction and the production of space, place, and nature; children and the environment; and the consequences of global economic restructuring for everyday life, e.g. in *Growing Up Global: Economic Restructuring and Children's Everyday Lives* which is a study of children in a Sudanese village that was included in a state-sponsored agricultural program.

Katz received her doctorate from the Graduate School of Geography at Clark University. She held a postdoctoral fellowship in environmental psychology from the National Institute of Mental Health and a research fellowship at the Center for the Critical Analysis of Contemporary Culture at Rutgers University. Her research has been funded by the National Science Foundation, the American Association of University Women, and the Aaron Diamond Foundation.



Dr Meine van Noordwijk, ICRAF

Chief Science Advisor / Leader Global Research Project – Environmental Services

In addition to being Chief Science Advisor for the Centre, Meine van Noordwijk leads the organization-wide environmental services research area. From 2002 to 2008 he was Regional Coordinator for Southeast Asia. Before joining the Centre, Meine was a senior research officer in the Root Ecology Section at the DLO Institute for Soil Fertility Research in Haren, the Netherlands, concentrating on models of the relationships between soil fertility, nutrient use efficiency and root development of crops and trees. He also worked for two years as a lecturer in botany and ecology at the University of Juba in Sudan. Meine has a PhD in Agricultural Science from the University of Wageningen, the Netherlands and an MSc in Biology from the Rijksuniversiteit Utrecht, the Netherlands.



Professor Sir Gordon Conway, Imperial College

Gordon Conway is a Professor of International Development at Imperial College, London where he is currently working on a grant funded by the Bill & Melinda Gates Foundation entitled 'Agriculture for Impact' which focuses on European support of agricultural development in Africa.

From 2005-2009 he was Chief Scientific Adviser to the Department for International Development. Previously he was President of The Rockefeller Foundation and Vice-Chancellor of the University of Sussex.

He was educated at the Universities of Wales (Bangor), Cambridge, West Indies (Trinidad) and California (Davis). His discipline is agricultural ecology. In the early 1960's, working in Sabah, North Borneo, he became one of the pioneers of sustainable agriculture.

He was elected a Fellow of the Royal Society in 2004 and an Honorary Fellow of the Royal Academy of Engineering in 2007. He was made a Knight Commander of the Order of Saint Michael and Saint George in 2005. He is a Deputy Lieutenant for East Sussex. He was recently President of the Royal Geographical Society.

He has authored *The Doubly Green Revolution: Food for all in the 21st century* (Penguin and University Press, Cornell) and co-authored *Science and Innovation for Development* (UK Collaborative on Development Sciences (UKCDS)). Sir Gordon has been chairing the Montpellier Panel, recently publishing *Growth with Resilience: Opportunities in African Agriculture*.

Dr Thomas Randolph, ILRI



Dr Tom Randolph is the Director of the CGIAR Research Program on Livestock and Fish. ILRI leads this CGIAR research program – which will be collaboratively undertaken with the International Centre for Tropical Agriculture (CIAT), the International Centre for Agricultural Research in the Dry Areas (ICARDA) and the WorldFish Center as the core CGIAR partners. Various other strategic and value chain partners will play key roles in the implementation of the program.

Dr Randolph was instrumental in the collaborative process to develop the proposal. He previously headed ILRI's research team on smallholder competitiveness in changing markets under the Market Opportunities Theme.

He holds a PhD in Agricultural Economics from Cornell University. His research interests at ILRI included animal and human health issues and impact assessment. Before joining ILRI in 1998, he conducted policy research at the Africa Rice Centre in West Africa



Professor Ken Giller, Wageningen University

Ken Giller's research focuses on nitrogen fixation in tropical legumes, with a special interest in smallholder farming systems in Africa. He currently leads the Wageningen Centre for Agroecology and Systems Analysis, a group of scientists with experience in systems analysis and simulation modeling of change scenarios. Giller also chairs the steering committee for N2Africa, a project funded by the Bill & Melinda Gates Foundation to put nitrogen fixation to work for Africa's smallholder farmers, and is scientific leader of Wageningen University's interdisciplinary project that researches ways to resolve competing claims on natural resources. Previously, he led the European Union's AfricaNUANCES project, which explores the trade-offs of farming livelihoods and the environment.

Giller received a doctorate in plant ecology from Sheffield University and is author of the second edition of *Nitrogen Fixation in Tropical Cropping Systems*, published in 2001. He has worked extensively in tropical regions of South and Southeast Asia, Latin America and Africa.

N2AFRICA is a large scale, science research project focused on putting nitrogen fixation to work for smallholder farmers growing legume crops in Africa. N2AFRICA is funded by 'The Bill & Melinda Gates Foundation' and 'The Howard G. Buffet Foundation' through a grant to Plant Production Systems, Wageningen University, in the Netherlands. It is led by Wageningen University together with CIAT-TSBF, IITA and has many partners in the Democratic Republic of Congo, Ghana, Kenya, Malawi, Mozambique, Nigeria, Rwanda and Zimbabwe. Currently, new partnerships are established in Ethiopia, Uganda, Tanzania, Liberia and Sierra Leone.



Professor Judi Wakhungu, African Center for Technology Studies (ACTS)

Professor Wakhungu is the Executive Director of the African Centre for Technology Studies (ACTS), an international inter-governmental science, technology, and environmental policy think tank based in Nairobi, Kenya. Professor Wakhungu's research interests include science, technology, and innovation; agriculture and food security; biodiversity and natural resource management; energy and water security; and gender issues in science and technology. She has published widely in these fields. Professor Wakhungu serves on several national and international boards, task-forces, and committees including the African Conservation Centre, the International Assessment of Agricultural Science and Technology for Development (IAASTD), the GoDown Arts Centre, the Institute for Security Studies, the Lemelson Foundation, the Legatum Centre at M.I.T., the WorldFish Centre and the World Bioenergy Association. Professor Wakhungu holds Ph.D. in energy resources management from Penn State University.



DR KAREN BROOKS

Director, CGIAR Research Program on Policies, Institutions and Markets (CRP 2)

Brooks has worked for the World Bank for the past 20 years. For the last 10 years of her tenure there, she managed analytical and operational programs in agriculture and rural development for the Africa region. Brooks also worked extensively in Europe and Central Asia and in Africa; in the former on issues related to the transition from central planning and in the latter on the investment and policy agenda associated with the renewed commitment to agricultural growth. Prior to joining the World Bank, she was Associate Professor in the Department of Applied Economics at the University of Minnesota.

Brooks received both her PhD and Master's degrees in Economics from the University of Chicago, where she was a National Science Foundation Graduate Fellow.